

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1165	606/192.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:45
S2	13	606/192.ccls. and bowing	US-PGPUB; USPAT	ADJ	ON	2007/08/06 15:52
S3	240	606/192.ccls. and bend	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:25
S4	193	606/192.ccls. and bend and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:25
S6	5	((("4338943") or ("5681344") or ("5779731") or ("5797868") or ("6098629")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 10:49
S7	1	S6 and slip	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:50
S8	1	S6 and stiffen\$	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:55
S9	0	S6 and non-elast\$	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:55
S10	1	S6 and balloon adj wall	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:56
S11	5	S6 and balloon	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:57
S12	0	S6 and (non\$1elast\$ or non\$1compliant or semi\$1rigid)	US-PGPUB; USPAT	ADJ	ON	2007/08/08 10:57
S13	538	606/192.ccls. and \$elastic	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:17
S14	172	606/192.ccls. and \$elastic and \$fold	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:28
S15	151	606/192.ccls. and \$elastic and \$fold and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:29
S16	1165	606/192.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:45
S17	2	S16 and non-fixed\$2	US-PGPUB; USPAT	ADJ	ON	2007/08/08 11:49
S18	604	S16 and \$5fixed\$2	US-PGPUB; USPAT	ADJ	ON	2007/08/08 13:23
S19	1	("6911038").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 14:47
S20	5	((("5100425") or ("5718712") or ("6911038") or ("5718712") or ("20030130716") or ("6004291")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 14:49

## EAST Search History

S21	5	((("5100425") or ("6911038") or ("5718712") or ("20030130716") or ("6004291")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 15:16
S22	5	((("5100425") or ("6911038") or ("5718712") or ("20030130716") or ("6004291")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 15:34
S23	4908	catheter and (stiffen\$)	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:35
S24	3831	catheter and (stiffen\$) and wire	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:35
S25	391	catheter and (stiffen\$) and wire and slip	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:37
S26	258	catheter and (stiffen\$) and wire and slip and balloon	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:37
S27	175	catheter and (stiffen\$) and wire and slip and balloon and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:39
S28	148	catheter and (stiffen\$) and wire and slip and balloon and sleeve and retain\$3	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:44
S29	179	catheter and (stiffen\$) and wire and slip and balloon and axial	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:45
S30	138	catheter and (stiffen\$) and wire and slip and balloon and axial and shaft	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:48
S31	106	catheter and (stiffen\$) and wire and slip and balloon and axial and shaft and parallel	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:50
S32	61	catheter and (stiffen\$) and wire and slip and balloon and axial and shaft and parallel and perpendicular	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:50
S33	29	catheter and stiffen\$ and wire and slip and balloon and axial and shaft and parallel and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 15:54
S34	0	("2004/0236366").URPN.	USPAT	ADJ	ON	2007/08/08 15:53
S35	6	catheter.clm. and stiffen\$ and wire and slip and balloon and axial and shaft and parallel and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:01
S36	0	catheter.clm. and stiffen\$ and wire and slip and balloon near parallel and axial and shaft and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:02
S37	0	catheter.clm. and stiffen\$ and balloon near parallel and axial and shaft and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:03

## EAST Search History

S38	0	catheter.clm. and stiffen\$ and balloon near parallel and axial and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:03
S39	6	catheter.clm. and (stiffen\$ or rigid\$) and balloon near parallel and axial and perpendicular and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:27
S40	26	catheter.clm. and (stiffen\$ or rigid\$ or inflexible) and balloon near axial and transverse	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:32
S41	39	catheter.clm. and (stiffen\$ or rigid\$ or inflexible) and balloon align\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:33
S42	52	catheter and (stiffen\$ or rigid\$ or inflexible) and balloon align\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:49
S43	30	("2701559"   "3779201"   "4273128"   "4733665"   "4739762"   "4776337"   "4796629"   "5196024"   "5209799"   "5226887"   "5242397"   "5320634"   "5336178"   "5336234"   "5411466"   "5616149"   "5647848"   "5653690"   "5713863"   "5807326"   "5810871"   "5836965"   "5876374"   "5935135"   "6007543"   "6027510"   "6102904"   "6258099"   "6569192").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/08 16:40
S44	25	catheter and (stiffen\$ or rigid\$ or inflexible) and balloon align\$4 and shaft	US-PGPUB; USPAT	ADJ	ON	2007/08/08 16:49
S45	1166	606/192.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/13 08:12
S46	21	("4024873"   "4646742"   "4665925"   "4702252"   "4892519"   "4955895"   "5085636"   "5176637"   "5378238"   "5403339"   "5425712"   "5503631"   "5626600"   "5755707"   "5759191"   "5827242"   "5830227"   "6027475"   "6066157"   "6152912"   "6186978").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 08:08
S47	1	("6960188").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:08
S48	989	606/192.ccls. and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/08/13 08:15
S49	932	606/192.ccls. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:43
S50	722	606/192.ccls. and @ad<="20040302" and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 08:35

## EAST Search History

S51	36	606/192.ccls. and @ad<="20040302" and catheter and slip	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:22
S52	1241	axial length and catheter and inflate\$3	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:35
S53	2803	axial length and shorten	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:35
S54	370	axial length and shorten and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:35
S55	14	axial length near shorten and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:40
S56	1575	diameter near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:41
S57	0	axial diameter near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:41
S58	6	axial near diameter near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:42
S59	7	axial near (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:43
S60	29	balloon near (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:44
S61	3	balloon near (diameter or radius). clm. near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:47
S62	0	balloon near (diameter or radius). clm. near axis near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:47
S63	0	balloon near (diameter or radius) near axis near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:48
S64	0	balloon near (diameter or radius) near (axis or axial) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:49
S65	29	balloon near (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:51
S66	31	balloon near (axis or axial) and (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:51

## EAST Search History

S67	0	balloon near (axis or axial) near (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:52
S68	31	balloon near (axis or axial) and (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:52
S69	5	balloon.clm. near (axis or axial) and (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 10:52
S70	31	balloon near (axis or axial) and (diameter or radius) near (decrease\$1 or shorten\$1) and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/13 11:00
S71	1	("6911038").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 11:00
S72	24	("4364392"   "5108370"   "5338299"   "5409495"   "5456667"   "5470314"   "5500181"   "5634936"   "5690643"   "5700242"   "5772669"   "5776141"   "5788626"   "5830182"   "5972018"   "5980531"   "6036697"   "6039721"   "6117168"   "6179868"   "6183505"   "6221042"   "6245076"   "6254627").PN. OR ("6911038").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 11:00
S73	9	S72 and shorten\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 11:04
S74	4	S72 and balloon near (shorten\$2 or decrease\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/13 11:38
S75	1	("20030130716").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 14:33
S76	1	("1016430").PN.	EPO	OR	OFF	2007/08/13 14:38
S77	11	((("20020128596") or ("5100425") or ("5718712") or ("20030130716") or ("5779731") or ("5700242") or ("5797868") or ("4338943") or ("6464718") or ("7189215") or ("6911038"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 14:40
S78	2	S77 and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S79	384	S49 and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:43

## EAST Search History

S80	62	S49 and sleeve and cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:43
S81	21	S49 and sleeve and cap and cannula	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:43
S82	12	S49 and sleeve and cap and cannula and retain\$6	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S83	47	S49 and end cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:46
S84	1	S77 and end cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:54
S85	41	S50 and end cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:55
S86	14	S50 and end cap and cannula	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:55
S87	17	S50 and end cap and (cannula or collar)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:05
S88	10	S50 and end cap and (cannula or collar) and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:59
S89	2	catheter end cap and (cannula or collar)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:59
S90	1027	catheter and end cap and (cannula or collar)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:07
S91	628	catheter and end cap and (cannula or collar) and retain\$3	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:09
S92	227	catheter.clm. and end cap and (cannula or collar) and retain\$3	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:09
S93	138	catheter.clm. and end cap and (cannula or collar) and retain\$3 and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:10
S94	33	catheter.clm. and end cap and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:11
S95	33	catheter.clm. and end adj cap and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:12
S96	51	catheter.clm. and (end with cap) and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:12
S97	33	catheter.clm. and (end cap) and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:12
S98	33	catheter.clm. and ("end cap") and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:14

## EAST Search History

S99	77	catheter and ("end cap") and (cannula or collar) and retain\$3 and sleeve and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:23
S100	120	catheter and ("end cap") and (cannula or collar) and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:23
S101	36	catheter and ("end cap") and (cannula or collar) and bead and stiffen\$3	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:24
S102	78	catheter and ("end cap") and (cannula or collar) and bead and (stiffen\$3 or core)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:25
S103	28	catheter.clm. and ("end cap") and (cannula or collar) and bead and (stiffen\$3 or core)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:30
S104	78	catheter and ("end cap") and (cannula or collar) and bead and (stiffen\$3 or core)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:46
S105	90	catheter and ("end cap") and (cannula or collar) and bead and (stiffen\$3 or core or rod)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:48
S106	355	catheter and cap and (cannula or collar) and bead and (stiffen\$3 or core or rod)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:48
S107	297	catheter and cap and (cannula or collar) and bead and (stiffen\$3 or core)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:48
S108	125	catheter and cap and (cannula or collar) and bead and (stiffen\$3 or core) and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:58
S109	3385	catheter and "end cap"	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:59
S110	1136	catheter and "end cap" and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 15:59
S111	1027	catheter and "end cap" and (cannula or collar)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:00
S112	723	catheter and "end cap" and (cannula or collar) and slid\$5	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:01
S113	640	catheter and "end cap" and (cannula or collar) and slid\$5 and move\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:01
S114	251	catheter.clm. and "end cap" and (cannula or collar) and slid\$5 and move\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:02

## EAST Search History

S11 5	50	(("4813934") or ("5308356") or ("5234450") or ("4784133") or ("4976710") or ("5320604") or ("5472405") or ("5964714") or ("5997562") or ("6156054") or ("4332254") or ("4464175") or ("5454788") or ("5474542") or ("5507731") or ("5607406") or ("5649908") or ("5667493") or ("5693015") or ("5882336") or ("5906606") or ("5954742") or ("6033380") or ("6113579") or ("6190360") or ("6245083") or ("4413989") or ("4448195") or ("4456000") or ("4601713") or ("4623329") or ("4757194") or ("4763654") or ("4770653") or ("4832047") or ("4898575") or ("4936281") or ("4968314") or ("4976711") or ("4990139") or ("5002553") or ("5011488") or ("5024655") or ("5185004") or ("5192314") or ("5224933") or ("5256144") or ("5263932") or ("5273052") or ("5295492")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/13 16:03
S11 6	21	S115 and sleeve	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:18
S11 7	7	S115 and "end cap"	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:04
S11 8	4	S115 and sleeve and cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:11
S11 9	13	S115 and cap	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:32
S12 0	2	S115 and barrier	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:25
S12 1	844	catheter and "end cap" and sleeve and slid\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:34
S12 2	24	catheter and "end cap" and sleeve and slid\$4 axial	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:39
S12 3	44	catheter and "end cap" and sleeve and slid\$4 near axial	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:40
S12 4	429	catheter and "end cap" and sleeve and "606".clas.	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:42
S12 5	28	catheter and "end cap" and sleeve and "606".clas. and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/13 16:42



## EAST Search History

S12 6	11	((("20020128596") or ("5100425") or ("5718712") or ("20030130716") or ("5779731") or ("5700242") or ("5797868") or ("4338943") or ("6464718") or ("7189215") or ("6911038")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/14 08:33
S12 7	1	S126 and "end cap"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:06
S12 8	0	S126 and "distal cap"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:06
S12 9	1	("1016430").PN.	EPO	OR	OFF	2007/08/14 08:11
S13 0	1	("20020128596").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/14 08:34
S13 1	0	S130 and (stiffening near guide)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 09:00
S13 2	0	S130 and bead	US-PGPUB; USPAT	ADJ	ON	2007/08/14 09:01
S13 3	10	catheter and "retaining bead"	US-PGPUB; USPAT	ADJ	ON	2007/08/14 09:01
S13 4	1	("20020128596").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/15 08:04
S13 5	1	("5700242").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/15 08:20
S13 6	1	("20030130716").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/15 08:33
S13 7	1	("5364354").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/15 11:22
S13 8	247	catheter and "distal cap"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:23
S13 9	32	catheter and "distal cap".clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:25
S14 0	26	catheter and "distal cap".clm. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:29
S14 1	1112	catheter.clm. and ("distal cap" or "end cap") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:29
S14 2	524	sleeve and catheter.clm. and ("distal cap" or "end cap") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:30
S14 3	337	balloon and sleeve and catheter.clm. and ("distal cap" or "end cap") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:47
S14 4	6	sleeve and catheter.clm. and balloon near ("distal cap" or "end cap") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:49

## EAST Search History

S14 5	956	balloon and catheter and semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:51
S14 6	1	balloon and catheter and semi-rigid. ti. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:50
S14 7	0	balloon and catheter ".clm.and" semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:51
S14 8	413	balloon and catheter .clm. and semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:52
S14 9	52	balloon and catheter .clm. and semi-rigid.clm. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:52
S15 0	52	balloon and catheter.clm. and semi-rigid.clm. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:52
S15 1	5	catheter.clm. and balloon near semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:53
S15 2	5	catheter.clm. and balloon near semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:53
S15 3	36	catheter.clm. and balloon near (semi-rigid or "rigid") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:57
S15 4	84	catheter and balloon near (semi-rigid or "rigid") and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 14:00
S15 5	15	catheter and balloon near hard and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 14:01
S15 6	0	catheter and balloon near semi-rigid and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 14:01
S15 7	37	catheter and balloon near stiff and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/15 14:01
S15 8	173	606/192.ccls. and stiff and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/08/21 08:36
S15 9	0	606/192.ccls. and "stiff wire"and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/08/21 08:36
S16 0	9	606/192.ccls. and stiff near wire and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/08/21 08:36
S16 1	1401	604/96.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/21 11:06
S16 2	1194	604/96.01.ccls. and @ad<="20040302"	US-PGPUB; USPAT	ADJ	ON	2007/08/21 11:07
S16 3	1098	604/96.01.ccls. and @ad<="20040302" and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/21 11:20
S16 4	310	604/96.01.ccls. and @ad<="20040302" and "proximal" near catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/21 11:27

## EAST Search History

S16 5	262	604/96.01.ccls. and @ad<="20040302" and "proximal" near shaft	US-PGPUB; USPAT	ADJ	ON	2007/08/21 11:27
S16 6	621	"stiffening member" and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 09:46
S16 7	14	"stiffening member" near taper\$2 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 08:12
S16 8	24	("4137906"   "4748982"   "4762129"   "4943278"   "5154725"   "5156594"   "5328472"   "5413559"   "5489271"   "5549557"   "5605543"   "5607394"   "5658251"   "5728067"   "B14762129").PN. OR ("6066114"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/22 08:25
S16 9	16	S168 and taper\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/22 08:26
S17 0	200	"inner tube" near proximal and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 09:46
S17 1	0	("stiff" or "rigid") near "inner tube" near proximal and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 09:46
S17 2	200	"inner tube" near proximal and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 11:01
S17 3	76	S172 and ("circle" or "circular")	US-PGPUB; USPAT	ADJ	ON	2007/08/22 11:01
S17 4	1	("5700242").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 10:55
S17 5	3	("5700242").URPN.	USPAT	ADJ	ON	2007/08/29 10:56

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	450	catheter and ("folding" or "fold")	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:55
L2	264	catheter and stiffening	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:55
L3	1247	catheter and rigid	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:55
L4	22	L2 and L3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:56
L5	1489	L2 or L3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:56
L6	93	L5 and axial	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:57
L7	20	L6 and balloon	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:58
L8	20	L1 and ("stiff" or "rigid")	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:58